



Project

# Workplace Safety

SECONDARY



## 1 INTRODUCTION

There are four activities in the Workplace Safety competition:

- Hazard Identification
- Hazard Control
- Occupational Health and Safety (OHS) Proficiency Exam
- Occupational Health and Safety (OHS) Research / Written / Presentation

The purpose of this document is to provide competitors with additional details of the four activities that make up the 2026 Workplace Safety National competition.

### 1.1 The activities have the following weight for scoring:

• Hazard Identification	30 marks
• Hazard Control	30 marks
• OHS Proficiency Exam	10 marks
• OHS Research / Written Report / Presentation	30 marks
• <b>Total</b>	<b>100</b>

This document contains an outline of the expectations of each activity and how they will be scored.

Should competitors have further questions, they are encouraged to contact their Provincial / Territorial representative on the Workplace Safety National Technical Committee, or either Chair, Jayson Santos (MB) [jaysantos@rrc.ca](mailto:jaysantos@rrc.ca) or Co-Chair, Beth Antoshkiw [bantoshkiw@wcbsask.com](mailto:bantoshkiw@wcbsask.com)

## 2 HAZARD IDENTIFICATION (30% of final mark)

### 2.1 Overview

- A fundamental principle of Occupational Health and Safety is recognizing, assessing and controlling hazards in the workplace.
- The Hazard Identification activity requires the competitor to demonstrate these skills by assessing and suggesting controls for hazards they identify in a simulated workplace. For this activity, the competitors will be asked to:
- Identify the hazards, and for each
  - Define the hazard type (physical, biological, chemical, ergonomic, safety, psychological)
  - Suggest the best type of control (elimination, substitution, engineering,



administrative, PPE)

- Record all findings on the hazard identification answer sheet.

## 2.2 How will competitors be marked?

For this activity, the competitors will be asked to:

1. Identify 10 hazards (10 marks)
2. Hazard category for each hazard (physical, biological, chemical, ergonomic, safety, psychological). **Please note that of the 10 hazards, competitors must use at least one of each hazard category (5 marks)**
3. For each hazard, suggest the best type of control (10 marks)
4. Additional question regarding hazard identification and control (5 marks)
5. **Total = 30 marks**



<b>What is the hazard?</b> Sparks produced by grinding activities	/1.0
<b>What is the hazard category?</b> Safety	/0.5
<b>Identify controls already in use to mitigate?</b> Guard on the grinder	/1.0
<b>What is the type of control?</b> Engineering	/0.5



## 2.3 What might competitors do to prepare for this activity?

To prepare for this activity, competitors may wish to:

- Use this link [https://www.ccohs.ca/oshanswers/hsprograms/hazard/hazard\\_identification.htm](https://www.ccohs.ca/oshanswers/hsprograms/hazard/hazard_identification.htm) to check out “What are examples of hazards?” and “What types of hazards are there?”
- Use this link <http://www.ccohs.ca/oshanswers/prevention/effectiv.html> to check out “What type of hazards do we look for in a workplace?”
- Do an online search of “workplace hazards.”
- Talk to a member of the Occupational Health and Safety Committee at their school or workplace.
- Seek further information on hazard controls: [https://www.ccohs.ca/products/posters/longdesc/hazard\\_control.html](https://www.ccohs.ca/products/posters/longdesc/hazard_control.html)

## 3 HAZARD CONTROL (30% of final mark)

Observing people at work and identifying hazards is one skill used by the OHS professional to assist in reducing/eliminating injury/illness in the workplace.

### 3.1 For this activity:

- In this section of the competition, competitors will be asked to **observe a competition site** selected by the NTC at the time of the competition.
- At the selected site, competitors will be **assigned one category from the hierarchy of controls**: elimination, substitution, engineering, administrative or PPE (chosen by the NTC)
- Based on the control assigned, they will be asked to **identify four (4) potential hazards, explain the controls that are implemented to address the hazards and complete a risk assessment.**
- Competitors will observe the competition and collect information, which they will use to provide written answers to a series of questions found on the **Hazard Control and Risk Assessment worksheet.**



### 3.2 How will competitors be marked?

For this activity, the competitors will be marked as such:

- Identify 4 hazards **4 marks**
- Explain controls for the 4 hazards **12 marks**
- Complete a risk assessment **14 marks**
- **Total 30 marks**

### 3.3 What might competitors do to prepare for this activity?

To prepare for this activity, competitors may wish to:

- Review websites in the Hazard Identification section
- Research the hierarchy of controls
- Review what a risk assessment is at [https://www.ccohs.ca/oshanswers/hsprograms/risk\\_assessment.html](https://www.ccohs.ca/oshanswers/hsprograms/risk_assessment.html)
- Check out sample risk assessments online, e.g., [https://www.ccohs.ca/oshanswers/hsprograms/sample\\_risk.html?enable=true](https://www.ccohs.ca/oshanswers/hsprograms/sample_risk.html?enable=true)

## 4 OHS PROFICIENCY EXAM (10% of final mark)

- Each competitor will complete an exam that will test their understanding of different components of hazard classifications and the hierarchy of controls.
- **Total 10 marks**

## 5 OHS RESEARCH / WRITTEN / PRESENTATION (30% of final marks)

One method of communicating health and safety information is through written and oral communication.

For this activity:

- The competitor will **perform the role of an OHS professional** researching an OHS issue at a workplace, to develop safety recommendations for the employer.
- The competitor **will be assigned an OHS issue**, which they will research, and for which they will develop recommendations and write a report including resources. **Electronic devices are required for the research and written portion of this activity** – competitors must use a tablet/laptop/computer to research and develop/write the recommendations.
- Once the safety recommendations have been developed, the competitor



will be provide a document where the recommendations will be written in a report.

- The written presentation of the safety recommendations will then be submitted to the judges for evaluation, who will act as workplace employers.
- The competitor will present themselves as an OHS professional and verbally deliver their information to the judges, without using any electronic devices during the presentation.
- Competitors will have **3 hours total** to complete the research on the given topic and prepare a written report and presentation. **At the end of day one, the written report must be submitted to the NTC.**
- The presentation will be timed by the judges and it **MUST** be between 3-5 minutes.
- Presentation times will be assigned at orientation at the start of day two.

Competitors will be judged on how well they organize and communicate the key points.

How will competitors be marked?

- |  |                 |
|--|-----------------|
| • Research/Content                       | <b>10 marks</b> |
| • Written report of recommendations      | <b>10 marks</b> |
| • Verbal Presentation of recommendations | <b>10 marks</b> |
| • <b>Total</b>                           | <b>30 marks</b> |

What might competitors do to prepare for this activity?

To prepare for this activity, participants may wish to:

- Review recommended resources from previous activities.



PROBLEM SOLVING



WRITING



COMMUNICATION